

BSI-Inspectorate America
178 Mortland Road
Searsport, Maine 04974
(207)548-6440

QUALITY CERTIFICATE

Vessel	SHORE TANK NO. 1	Port	SEARSPORT, MAINE	Report	SP/03/1122
Customer	SPRAGUE	Date	November 12, 2003	Reference	
Operation	ANALYSIS	Terminal	SPRAGUE	Sample #	287638

Name of material being tested
Description of sample source
Samples Drawn by (company)
Samples Tested by (company)

NO. 6 FUEL OIL 1.50%

EX. SHORE TANK NO. 1 AFTER DISCHARGE OF PENN 410
INSPECTORATE
INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
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GRAVITY, API @ 60 F	ASTM D 4052			11.8
FLASH POINT, F	ASTM D 93			200+
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			251
POUR POINT, F	ASTM D 97			+39.2
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.10
PHUR, % WT.	ASTM D 4294			1.45
ACID, % WT.	ASTM D 482			0.063
VANADIUM, PPM	AA/AE			98
SODIUM, PPM	AA/AE			12
BTU'S/POUND	CALCULATION			18,392
BTU'S/GALLON	CONVERSION			151,237
NITROGEN, % WT.	ASTM D 3228			0.481
CARBON RESIDUE, % WT.	ASTM D 4530			13.81
ASPHALTENES, % WT.	IP-143			7.02
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